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**D2013-3**  
**Job Sheet 198849**



Part No: D2013-3

Job Qty: 2 pcs

Part Name: Mirror Bracket LH, 212



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 8/6/19

Job Tracking No:

Due Date: 8/26/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV C IPP Rev:A New Issue 05-11-01 JLM

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation                   | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off       |
|-------|-----------------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|----------------|
|       |                             |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |                |
| 100   | Small Fab - Brake NC        | 2 pcs | 8/26/19    | 8/26/19  | 1.71      | 0.93    | Small Fab - Brake - 1 |           | Sms<br>19/8/27 |
|       |                             |       |            |          |           |         | Small Fab - Brake - 2 |           |                |
|       |                             |       |            |          |           |         | Small Fab - Brake - 3 |           |                |
| 110   | QC 5                        | 2 pcs | 8/26/19    | 8/26/19  | 0.00      | 0.00    | QC 5 - 10             |           |                |
|       |                             |       |            |          |           |         | QC 5 - 12             |           |                |
|       |                             |       |            |          |           |         | QC 5 - 17             |           |                |
|       |                             |       |            |          |           |         | QC 5 - 18             |           |                |
|       |                             |       |            |          |           |         | QC 5 - 19             |           |                |
|       |                             |       |            |          |           |         | QC 5 - 22             |           |                |
|       |                             |       |            |          |           |         | QC 5 - 24             |           |                |
|       |                             |       |            |          |           |         | QC 5 - 3              |           |                |
|       |                             |       |            |          |           |         | QC 5 - 43             |           |                |
|       |                             |       |            |          |           |         | QC 5 - 49             |           |                |
|       |                             |       |            |          |           |         | QC 5 - 51             |           |                |
|       |                             |       |            |          |           |         | QC 5 - 58             |           |                |
|       |                             |       |            |          |           |         | QC 5 - 68             |           |                |
|       |                             |       |            |          |           |         | QC 5 - 9              |           |                |
|       |                             |       |            |          |           |         | QC 5 - 50             |           | a              |
|       |                             |       |            |          |           |         | QC 5 - 30             |           |                |
|       |                             |       |            |          |           |         | QC 5 - 40             |           |                |
|       |                             |       |            |          |           |         | QC 5 - 61             |           |                |
|       |                             |       |            |          |           |         | QC 5 - 81             |           |                |
| 120   | Packaging 3-1 - Stock - B4B | 2 pcs | 8/26/19    | 8/26/19  | 0.00      | 0.00    | Packaging 3 - 1 - B4B |           |                |
|       |                             |       |            |          |           |         | Packaging 3 - 2 - B4B |           |                |
|       |                             |       |            |          |           |         | Packaging 3 - 3 - B4B |           |                |
|       |                             |       |            |          |           |         | Packaging 3 - 4 - B4B |           |                |
|       |                             |       |            |          |           |         | Packaging 3 - 5 - B4B |           |                |
|       |                             |       |            |          |           |         | Packaging 3 - 6 - B4B |           |                |
|       |                             |       |            |          |           |         | Packaging 3 - 7 - B4B |           |                |
|       |                             |       |            |          |           |         | Packaging 3 - 8 - B4B |           |                |
|       |                             |       |            |          |           |         | Packaging 3 - 9 - B4B |           |                |

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|                |       |         |           |  |                        |             |
|----------------|-------|---------|-----------|--|------------------------|-------------|
|                |       |         |           |  | Packaging 3 - 10 - B4B |             |
|                |       |         |           |  | Packaging 3 - 11 - B4B |             |
|                |       |         |           |  | Packaging 3 - 12 - B4B | BL          |
|                |       |         |           |  | Packaging 3 - 13 - B4B |             |
|                |       |         |           |  | Packaging 3 - 14 - B4B |             |
|                |       |         |           |  | Packaging 3 - 15 - B4B |             |
|                |       |         |           |  | Packaging 3 - 16 - B4B |             |
|                |       |         |           |  | Packaging 3 - 17 - B4B |             |
|                |       |         |           |  | Packaging 3 - 18 - B4B |             |
|                |       |         |           |  | Packaging 3 - 19 - B4B |             |
|                |       |         |           |  | Packaging 3 - 20 - B4B |             |
|                |       |         |           |  | Packaging 3 - 21 - B4B |             |
|                |       |         |           |  | Packaging 3 - 22 - B4B |             |
|                |       |         |           |  | Packaging 3 - 23 - B4B |             |
|                |       |         |           |  | Packaging 3 - 24 - B4B |             |
|                |       |         |           |  | Packaging 3 - 25 - B4B |             |
|                |       |         |           |  | Packaging 3 - 26 - B4B |             |
|                |       |         |           |  | Packaging 3 - 27 - B4B |             |
|                |       |         |           |  | Packaging 3 - 28 - B4B |             |
|                |       |         |           |  | Packaging 3 - 29 - B4B |             |
|                |       |         |           |  | Packaging 3 - 30 - B4B |             |
|                |       |         |           |  | Packaging 3 - 31 - B4B |             |
|                |       |         |           |  | Packaging 3 - 32 - B4B |             |
|                |       |         |           |  | Packaging 3 - 33 - B4B |             |
|                |       |         |           |  | Packaging 3 - 34 - B4B |             |
|                |       |         |           |  | Packaging 3 - 35 - B4B |             |
|                |       |         |           |  | Packaging 3 - 36 - B4B |             |
| 130 QC 21 - SA | 2 pcs | 8/26/19 | 0.00 0.00 |  | QC 21 - SA - 21        |             |
|                |       |         |           |  | QC 21 - SA - 70        | AUG 27 2019 |
|                |       |         |           |  | QC 21 - SA - 53        |             |

Part Op 100 - (Form as per dwg), 1-Punch as per template D2013-T3 and Dwg D2013 2-Flatten ends of D2013-3 tube as per Dwg  
Descriptions: D2013 using DT8545 3-Bend (1) tube as per Dwg D2013 using Jig DT8201 Identify as D2013-3, 4-Deburr as required  
110 - (QC5- Inspect part completeness to step on W/O)  
120 - (Identify as per dwg & Stock Location: WA001), LOCATION : WA001  
130 - (QC21- Final Inspection - Work Order Release)

Job BOM

| Part / Item      | Component Name              | Quantity              | Operation                | Container |
|------------------|-----------------------------|-----------------------|--------------------------|-----------|
| M304TR0.750W.049 | 304 Round Tube .750 X .049W | 3.8946 ft (1.9473 ea) | 100-Small Fab - Brake NC |           |

Job Allocations

| Operation                | Component Part   | Required | Inventory | Allocated |
|--------------------------|------------------|----------|-----------|-----------|
| 100-Small Fab - Brake NC | M304TR0.750W.049 | 4        | 271       | 0         |

Part Specifications

| Spec No | Description             | Target/Tolerance      | Limits           | Type  | Special Comments |
|---------|-------------------------|-----------------------|------------------|-------|------------------|
| 1       | Mirror Bracket, LH, 212 | 23.250Inches ± 0.030  | 23.280<br>23.220 |       |                  |
| 2       | Mirror Bracket, LH, 212 | 10.500Inches ± 0.030  | 10.530<br>10.470 |       |                  |
| 3       | Mirror Bracket, LH, 212 | 8.500Inches ± 0.030   | 8.530<br>8.470   |       |                  |
| 4       | Mirror Bracket, LH, 212 | 32.000Degrees ± 0.500 | 32.500<br>31.500 | Angle |                  |
| 5       | Mirror Bracket, LH, 212 | 42.000Degrees ± 0.500 | 42.500<br>41.500 | Angle |                  |

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|                                                                                                                                                                                                                                                     |             |                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Job: _____<br>Part No. _____                                                                                                                                                                                                                        |             | DISPOSITION<br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> |  | DEPARTMENT/PROCESS<br>Skid-tube <input type="checkbox"/> Cross tube <input type="checkbox"/> Eng. (Non-AW) <input type="checkbox"/><br>Machining <input type="checkbox"/> Small Fab <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/><br>Large Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/><br>Engineering <input type="checkbox"/><br>Water Jet <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Quality <input type="checkbox"/>                                                                                                                                                                                                                                                         |  |  |  |
| Date :                                                                                                                                                                                                                                              | Sequence #: | QTY Affected :                                                                                                         |  | MRB (QS1042)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |
| Description Work Order Deviation                                                                                                                                                                                                                    |             |                                                                                                                        |  | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |
| <div>Root Cause</div> <div><div>Operator</div><div>Manufacturing Process</div><div>Equip/Tooling</div><div>Handling/Preservation</div><div>Material</div><div>Product Improvement</div><div>Process Improvement</div><div>Human Factors</div></div> |             |                                                                                                                        |  | <div>FAULT CATEGORY</div> <div><div>Pressure/Forced</div><div>Bending</div><div>Crushing</div><div>Cracks</div><div>Crimp/Kink/Ripple/Wave/Twist</div><div>Marks/Chatter</div><div>Mislabeled</div><div>Other/Details:</div></div> <div><div>Contamination</div><div>Misaligned/off center</div><div>BOM/Route</div><div>Broken/Damage/Defect</div><div>Incomplete/Unclear Instructions</div><div>Drill Holes</div><div>Fit/Function</div></div> <div><div>Power Loss/Surge</div><div>Folio/Program</div><div>Grain Direction</div><div>Weld</div><div>Wrong Stock Pulled</div><div>Out of Sequence</div><div>Off-set/Set-up</div></div> <div><div>Positioned Wrong</div><div>Outside Tolerance</div><div>Drawing</div><div>Finish</div><div>Part Lost/Missing</div><div>Misread</div></div> |  |  |  |
|                                                                                                                                                                                                                                                     |             |                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |
|                                                                                                                                                                                                                                                     |             |                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |
|                                                                                                                                                                                                                                                     |             |                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |
| Completed By                                                                                                                                                                                                                                        |             |                                                                                                                        |  | Lead hand / Supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |
| QC / QA Coordinator                                                                                                                                                                                                                                 |             |                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |